IN THE CLAIMS

1-47. (Canceled)

48. (New) A method for vaccinating a fish comprising:

administering to said host a peptide having the formula R--Glx-Lys-R" or a pharmaceutically acceptable salt thereof,

wherein Glx is Glu or Gln;

wherein R' is H or an amino acid sequence having 7 or fewer amino acids;

wherein R" is H or an amino acid sequence having fewer than 7 amino acids;

wherein said peptide has a sequence of at least 2 but not more than 9 amino acids; and

administering to said fish a vaccine.

49. (New) The method according to claim 48, wherein said peptide or pharmaceutically acceptable salt thereof is administered simultaneously with said vaccine.

50. (New) The method according to claim 48, wherein said peptide or pharmaceutically acceptable salt thereof is administered prior to administration of said vaccine.

51. (New) The method according to claim 48, wherein said peptide or pharmaceutically acceptable salt thereof is administered after the administration of said vaccine.

52. (New) The method according to claim 48 wherein R' is selected from the group consisting of H-, Glx, -Thr-Ala-Glx-, Thr-Pro-Glx-, Ser-Ala-Glx-, Ser-Pro-Glx-, Ser-Ser-Glx-, Met-Leu-Thr-Ala-Glx- [SEQ ID NO:4], and Leu-Thr-Ala-Glx- [SEQ ID NO:5].

53. (New) The method according to claim 48 wherein R" is selected from the group consisting of -H, -Ala, -Ala-Ala and -Ala-Val.

54. (New) The method according to claim 52 wherein R" is selected from the group consisting of -H, -Ala, -Ala-Ala and -Ala-Val.

55. (New) The method according to claim 48 wherein R" is H.

56. (New) The method according to claim 52 wherein R" is H.

57. (New) The method according to claim 56 wherein said peptide is selected from the group consisting of Thr-Ala-Glu-Glu-Lys [SEQ ID NO:3], Thr-Ala-Gln-Gln-Lys, Glu-Lys, and pharmaceutically acceptable salts thereof.

58. (New) The method according to claim 57 wherein said peptide is Thr-Ala-Glu-Glu-Lys [SEQ ID NO:3] or a pharmaceutically acceptable salt thereof.

59. The method according to claim 48 wherein said peptide is Thr-Pro-Glx-Glx-Lys [SEQ ID NO:2] or a pharmaceutically acceptable salt thereof.

60. The method according to claim 59 wherein said peptide is Thr-Pro-Glu-Glu-Lys [SEQ ID NO:2] or a pharmaceutically acceptable salt thereof.

61. The method according to claim 59 wherein said peptide is Thr-Pro-Gln-Gln-Lys [SEQ ID NO:2] or a pharmaceutically acceptable salt thereof.

62. The method according to claim 48 wherein said peptide is selected from the group consisting of Leu-Thr-Ala-Glx-Glx-Lys-Ala, Leu-Thr-Ala-Glx-Glx-Lys-Ala-Ala, Leu-Thr-Ala-Glx-Glx-Lys-Ala-Val and pharmaceutically acceptable salts.

63. The method according to claim 48 wherein said peptide or salt thereof is in combination with a pharmaceutically acceptable carrier.

64. The method according to claim 48 wherein said fish is a rainbow trout.

65. The method according to claim 48 wherein said fish is a hatchling.